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Note from the Editorial Board

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Note from the Editorial Board

Dear Readers,

We are proud to bring you another information print issue of the *Dartmouth Undergraduate Journal of Science*. Contained within this issue are a variety of types articles, including exposés of important of scientific phenomena, descriptions of important diseases, reviews of recent scientific research, and an original research article. All of these articles fall under the general topic of *Influence*, a broad theme allowing writers to describe virtually any scientific topic that they deem meaningful to the world at large.

In this issue, Logan Collins follows with an examination of the potential of the human brain and describes the promising Human Brain Project. Following Logan, I investigate the causes and consequences of Lyme disease, an important outdoor hazard for those of us who are fond of the wilderness. Writing in the intersection of Engineering and Medicine, Dylan Cahill explores the exciting technique of telesurgery, elucidating its current obstacles and future directions.

Following telesurgery, Zachary Wang introduces us to the world of placebos, tracing the famous Placebo Effect from its origins to its modern-day ramifications. Then, Sumita Strander leads us into the vibrant field of neurology, where she guides us through a detailed description of Alzheimer's Disease, describing both its molecular mechanism and its wide-ranging implications. Describing a new technique in cancer therapy, Nick Norwitz details how targeting upstream regulators of many angiogenic mediators—instead of targeting the mediators themselves—might allow for more effective anti-angiogenic treatment.

This issue also highlights Professor Gordon Gribble from the Chemistry Department in our faculty interview, in which Professor Gribble traces his progression as a chemist from an early age and explains his research centering around triterpenoids. Lastly, Jase Davis and Kristen Hinckley provide an original research article in which they elucidate how the “Echo Chamber Effect” influences Dartmouth students’ news consumption patterns.

This Spring issue represents the culmination of our entire staff’s hard work this term. Thank you for reading, and we hope you enjoy.

Sincerely,

Kevin Kang
Editor-In-Chief

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